

# DART SERVICE INSTRUCTION

## TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-824 Rev. A

REF. TCCA STC: SH96-88  
REF. FAA STC: SR00563NY  
REF. EASA STC: EASA.IM.R.S.01303  
REF. JAPANESE STC: STC-55-1-TYO

### 1.0 PURPOSE:

The purpose of this Dart Service Instruction is to provide customers with D412-824-011 step at change 001 with instructions to mount the step on skid tubes with narrow ground handling lug configuration. On D412-824-011 step at change 002 and subsequent, the D4630-1 cover has been modified to include two additional mounting holes to accommodate both narrow and wide lug configurations.

### 2.0 PARTS LIST:

There is no change to the parts list.

### 3.0 WEIGHT AND BALANCE:

There is a negligible weight and balance change associated with this modification.

### 4.0 PROCEDURE:

- 4.1 Remove skid tube step per section 3.2 of IIN-D412-824.
- 4.2 Place skid tube step on suitable working surface and remove D4630-3 center mounting bracket and associated hardware from D4630-1 cover.
- 4.3 Drill two  $\varnothing 0.266$  holes through the cover and countersink  $\varnothing 0.53$  at  $100^\circ$  as per Figure 1 of this service instruction. Deburr holes to remove all sharp edges and touch up hole with Alodine 1200/1201 per MIL-C-5541.
- 4.4 Reinstall D4630-3 center mount into new holes using existing hardware and torque to 50-70 in-lbs.
- 4.5 Reinstall skid tube step per section 3.1 of IIN-D412-824.

### 5.0 INSTALLATION CHANGES

Changes to IIN-D412-824 Installation / Removal procedures are as follows:

#### IS

- 3.1.1 Ensure the middle D4630-3 step mount is installed in the correct hole position in reference to the skid tube ground handling lug configuration. The step is shipped with the middle D4630-3 bracket installed for the wide ground handling lug spacing. To re-configure to the narrow ground handling lug spacing, remove D4630-3 bracket and re-install in the other set of holes. Torque bolts to 50-70 in-lbs.

#### WAS

- 3.1.1 Ensure Ground Handling Lugs are installed to give wide lug spacing.

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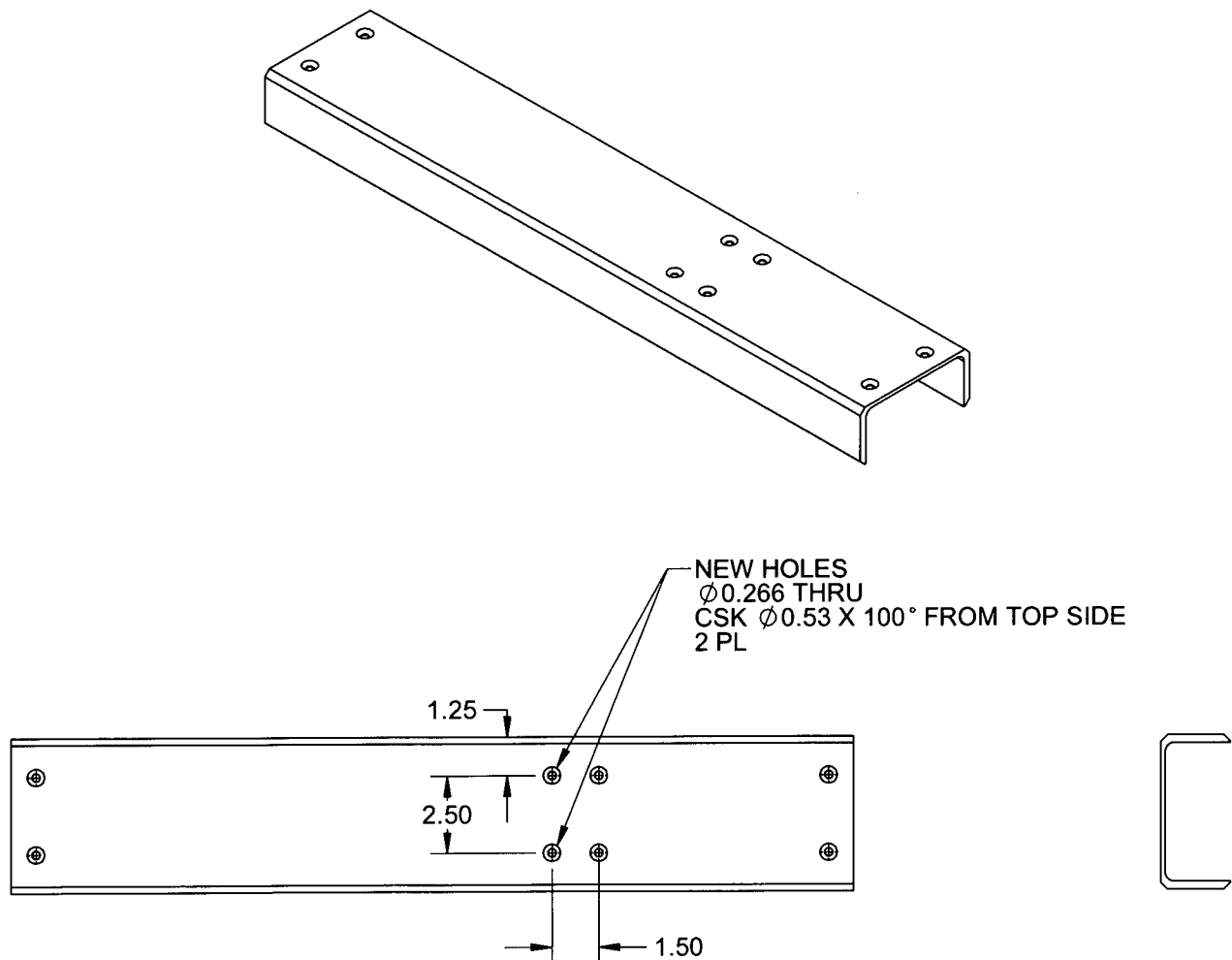
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D. SHEPHERD (DE # 02)

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CHECKED	<i>UP</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9664	SHEET 1 OF 2
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**FIGURE 1.**  
REFERENCE FOR DRILLING NEW HOLES IN COVER D4630-1



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**APPROVED**

BY: *[Signature]*  
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MFG. APPR.	N/A	<b>DSI 9664</b>	SHEET 2 OF 2
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